

ABSTRACT OF THE DISCLOSURE

The present invention provides novel polynucleotides encoding a human phosphatase polypeptide, BMY_HPP13, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods
5 for producing said polypeptide. The invention further relates to diagnostic and therapeutic methods for applying this novel human phosphatase polypeptide to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying
10 agonists and antagonists of the polynucleotides and polypeptides of the present invention.